



PTO/SB/08A (10-01)

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Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	10/048,071
				Filing Date	July 28, 2000
				First Named Inventor	O'DONNELL
				Art Unit	1645
				Examiner Name	Padmavathi Baskar
Sheet	1	of	3	Attorney Docket Number	22221/1023 (RU-429)

U.S. PATENT DOCUMENTS					
Examiner Initials [*]	Cite No. ¹	U.S. Patent Document Number – Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1.	09/235,245		O'Donnell	
	2.	5,635,349	06-03-1997	LaMarco et al.	
	3.	6,077,664	06-20-2000	Slater et al.	
	4.	6,100,030	08-08-2000	McCasky Feazel et al.	
	5.	6,156,502	12-05-2000	Beattie	
	6.	5,151,350	09-29-1992	Colbert et al.	
	7.	5,376,526	12-27-1994	Brown et al.	
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	10.	5,571,676	11-05-1996	Shuber	
	11.	5,583,026	12-10-1996	O'Donnell	
	12.	5,679,522	10-21-1997	Modrich et al.	
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	14.	6,083,924	07-04-2000	Earnshaw et al.	
	15.	6,420,161 B1	07-16-2002	Earnshaw et al.	
	16.	5,587,288	12-24-1996	Cheung et al.	

U.S. PUBLISHED PATENT DOCUMENTS					
Examiner Initials [*]	Cite No. ¹	U.S. Patent Document Number – Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	17.	2003/0129633 A1	07-10-2003	O'Donnell et al.	

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴ Kind Code ⁵ (if known)				
	18.	EP0786519	A2	07-30-1997	Kunsch et al.		
	19.	WO99/13060	A1	03-18-1999	McHenry et al.		
	20.	WO96/06614	A1	03-07-1996	Brown et al.		
	21.	WO99/37661	A1	07-29-1999	O'Donnell et al.		

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Sheet	2	of	3	Attorney Docket Number	22221/1023 (RU-429)

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	22.	Biotechnology Industry Organization, "Critical Synergy: The Biotechnology Industry and Intellectual Property Protection," 1-178, 74-95, Presentations of the Intellectual Property Committee of the Biotechnology Industry Organization at the October 17, 1994, Hearing of the U.S. Patent and Trademark Office (October 17, 1994), <i>available at</i> http://www.uspto.gov/web/offices/com/hearings/biotech/bioind.html (last accessed January 10, 2005)	
	23.	Cullmann et al., "Characterization of the Five Replication Factor C Genes of <i>Saccharomyces cerevisiae</i> ," <i>Mol. Cell. Biol.</i> 15(9):4661-71 (1995)	
	24.	Fraser et al., "The Minimal Gene Complement of <i>Mycoplasma genitalium</i> ," <i>Science</i> 270:397-403 (1995)	
	25.	Guenther et al., "Crystal Structure of the δ' Subunit of the Clamp-loader Complex of <i>E. coli</i> DNA Polymerase III," <i>Cell</i> 91:335-45 (1997)	
	26.	Guenther, "Structural Studies on the DNA Replication Apparatus: X-Ray Crystal Structure of the δ' Subunit of <i>Escherichia coli</i> DNA Pol III," at 129-135 (Ph.D. thesis, Rockefeller University) (1996)	
	27.	Lee & Walker, " <i>Escherichia coli</i> DnaX product, the τ Subunit of DNA Polymerase III, Is a Multifunctional Protein with Single-stranded DNA-dependent ATPase Activity," <i>Proc. Nat'l Acad. Sci. U.S.A.</i> 84:2713-7 (1987)	
	28.	McHenry et al., "A DNA Polymerase III Holoenzyme-like Subassembly from an Extreme Thermophilic Eubacterium," <i>J. Mol. Biol.</i> 272:178-89 (1997)	
	29.	Morrison et al., "A Third Essential DNA Polymerase in <i>S. cerevisiae</i> ," <i>Cell</i> 62:1143-51 (1990)	
	30.	Pacitti et al., "Characterization and Overexpression of the Gene Encoding <i>Staphylococcus aureus</i> DNA Polymerase III," <i>Gene</i> 165:51-6 (1995)	
	31.	Sauer et al., "Sporulation and Primary Sigma Factor Homologous Genes in <i>Clostridium acetobutylicum</i> ," <i>J. Bacteriol.</i> 176(21):6572-82 (1994)	
	32.	Seville et al., "Fluorometric Assay for DNA Polymerases and Reverse Transcriptase," <i>BioTechniques</i> 21:664-72 (1996)	
	33.	Youmans et al., THE BIOLOGICAL AND CLINICAL BASIS OF INFECTIOUS DISEASE 624, 802 (1985)	
	34.	Yurieva et al., " <i>Thermus thermophilis</i> dnaX Homolog Encoding γ - and τ -like Proteins of the Chromosomal Replicase," <i>J. Biol. Chem.</i> 272(43):27131-9 (1997)	
	35.	GenBank Accession No. AP003130	

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	36.	GenBank Accession No. AP003359	
	37.	GenBank Accession No. AL009126	
	38.	GenBank Accession No. BAB41666	
	39.	GenBank Accession No. BAB56640	
	40.	GenBank Accession No. CAC09993	
	41.	GenBank Accession No. P28630	
	42.	GenBank Accession No. P43747	
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